



Stud Clip

Claims

The embodiment of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. "Stud Clip" A tool, which is defined as it "Clips on" to vertical building members to anchor other tools and building materials used during the construction process.
2. A tool which is defined as having a
 - A. Side Body, which provides enough surface area to span horizontally across a stud or building member and sits flat against the side of the stud and is tipped forward down to 45 degrees from the perpendicular when locked in place for use and requiring no additional fasteners once locked into place.
 - B. Front and Back walls, which are forced against the front and back of the building member when the tool is set in place, yet still allow for easy removal of tool after use.
 - C. Front and Back side tabs, which hold the tool firmly against the side of building member and prevent twisting of tool during use.

- D. Front, side and/or back anchor teeth (Pending model typ) which bite into building member providing additional support.
 - E. Through an extension to the front of the "side body" a variety of tools (Pending model type) are accommodated.
3. As described in paragraph two, Stud Clip "Reel Hooks" are achieved through a hook extension of the side body, are used in a minimum of two units clipped onto studs side by side to support the "roll bar" used for dispensing wire off the roll and can be used to support any amount of wire rolls.
4. Also as described in paragraph two, Stud Clip "Coil Rollers" are achieved through a "U" shape extension of the side body complete with a set of rollers mounted horizontally along the bottom of the "U" to allow water line coil to "dispense" during installation. Stud Clip "Coil Rollers" work well using only one Roller to dispense plastic water line. However, by installing a second "Coil Roller" upside down in the bottom of the coil provides additional ease of use. As well as having an optional lock bar across the top or open portion of the "U" to achieve 100% coil retention.

Claims (continued)

5. Also as described in paragraph two, Stud Clip "Scaffold brackets" provide an arm extension of the side body to accomodate the installation of planking running across the face of the building member.
6. Also as described in paragraph two, Stud Clip "Work Bench" provides a lightweight temporary portable workbench for many uses. (See drawing)
7. Also as described in paragraph two, Stud Clip can be built in variable sizes and strengths pending required use/ difference in size of vertical building member and applications regardless of process of manufacture composition of matter or alteration thereof.
8. Industrial Design and Industrial property. As this technology is developed through hands on use and clearly understanding the challenges encountered in trying to provide a safe and efficient work environment.
9. The right to exclude others from making, using, offering for sale, or selling the invention in the U.S.A or importing the invention into the U.S.A.